

IN THE CLAIMS

Claims 1-40 (Canceled).

41 (New). An integrated information service platform system, comprising:
an access unit (ACU), a management unit (MAU) and an application unit (APU)
interconnected based on a network protocol, wherein
said access unit comprises at least an ACU processing module connecting via a
transmission network with user terminals and processing systems of service providers, and a first
network switching module (NSM) for implementing the communication switching within this
unit and communications with the other two units;
said management unit comprises at least an MAU processing module
implementing a unified management and control on operations of every part of the platform
system, and a second network switching module for implementing the communication switching
within this unit and communications with the other two units; and
said application unit comprises at least an APU processing module providing
specific application-processing functions, and a third network switching module for
implementing the communication switching within this unit and communications with the other
two units.

42 (New). The system according to claim 41, wherein said ACU processing module
comprises a part of communications network access processing and a part of gateway
transformation processing, the part of communications network access processing providing
interface to the transmission network and implementing access to the transmission network while
the part of gateway transformation processing converting non-digital information inputted from
the part of communications network access processing into digital information.

43 (New). The system according to claim 42, wherein said part of communications
network access processing is a terminal access module (TAM) used for accessing such terminals
as telephones, facsimile, and computers via a telecommunication and telephone network.

44 (New). The system according to claim 42, wherein said part of communications network access processing is a leased line access module (LAM) of data network used for accessing computer networks based on ICP/TP or ATM protocol.

45 (New). The system according to claim 42, wherein said part of communications network access processing is a network access module (NAM) for accessing broadcasting networks using HFC.

46 (New). The system according to claim 42, wherein said gateway transformation part is a voice/data transformation module (VDM).

47 (New). The system according to claim 42, wherein said gateway transformation part is a facsimile/data transformation module (FDM).

48 (New). The system according to claim 41, wherein said MAU processing module comprises a system resource management module, a business resource management module, and a management control console (MCC), the system resource management module comprising a network management module (NMM) for implementation of network device management and a system management module (SMM), the business resource management module comprising a user management module (UMM) and a billing management module (BMM), and the management control console controlling and managing all management modules and implementing a unified management interface by means of a browser.

49 (New). The system according to claim 41, wherein said APU processing module comprises a part for outsourced application, a part for integrated application, and a part for navigation application, the part for outsourced application comprising a basic application module and a module for applications (HAM) outsourced by business service providers, the part for integrated application consisting of application integrating modules (AIM) which integrate business services provided by business service providers, and the part for navigation application comprising a navigation and personalization module (NPM) providing interface for navigation service and individual service.

50 (New). The system according to claim 41, wherein said access unit, management unit and application unit are interconnected based on TCP/IP protocol.

51 (New). The system according to claim 50, wherein said access unit, management unit and application unit are interconnected further based on ATM or IPX protocol.

52 (New). The system according to claim 50, wherein said part for processing gateway conversion converts non-digital information inputted via the part for processing access to communications network to IP data information.

53 (New). The system according to claim 41, wherein there are more than one said access unit, management unit, or application unit, which are connected respectively in levels via respective network switching modules to form an access group, a management group, or an application group, the groups begin further interconnected via the network switching module of any one unit within each group.

54 (New). The system according to claim 41, wherein said management-processing module further comprises at least one database module for storing user information as well as procedures and results of service processing, said user information comprising at least user identification information, user authorization information and user accounting information.

55 (New). The system according to claim 41, comprising further a plurality of metropolitan-area integrated information service platform systems, which are interconnected based on metropolitan-area telecommunications networks.

56 (New). The system according to claim 41, wherein said access unit, management unit, and application unit are interconnected via internal high-speed bus.

57 (New). The system according to claim 41, wherein said processing systems of service providers are connected to the processing module via a computer network, the computer network being a private network, including virtual private network.

58 (New). A method of providing integrated information service, comprising:
converting a service request inputted via a transmission network from a user terminal to data based on IP protocol, the user terminal having a user identification code;
authenticating and authorizing the user requesting the service according to the user identification code, after successful authentication and authorization, selecting an appropriate application processing module for said service request;
converting processing results based on IP protocol into the data format identifiable to the user terminal and returning the data to the user terminal via the transmission network.

59 (New). The method according to claim 58, wherein said application processing module is a basic application module, comprising such applications as WWW, EMAIL, FTP, NEWS, CHAT, FACSIMILE, VOICE HOT LINE and USER CALL CENTER.

60 (New). The method according to claim 58, wherein said application processing module is a module for outsourced applications from business service providers, comprising WWW main server outsourcing, enterprise customer service center outsourcing, and security exchange service outsourcing.

61 (New). The method according to claim 58, wherein said application module is a module for integrated applications provided by a business service provider, comprising accounting and balancing.

62 (New). The method according to claim 58, wherein said application module is a navigation and personalization application module, comprising voice navigation and WWW navigation.

63 (New). The method according to claim 58, further comprising the step of:
storing user data as well as procedures and results of service processing in a database, wherein said user data comprising at least user identification information, user authorization information, and user accounting information.

64 (New). The method according to claim 63, wherein said authenticating and authorizing the user requesting a service is conducted according to the user identification information and authorization information pre-stored in the database, the method further comprising the steps of:

storing the procedure and result of the service processing in the database;

and

charging the user for the service received according to the charging rate.

65 (New). The method according to claim 64, wherein said database is the database of the local platform system, the method further comprising the following steps:

if the identification and authorization information of the user requesting a service is not found in the database of the local platform system, sending to the subscribing platform system of the user requesting a service a command for searching and authenticating the user's identity; and

the subscribing platform system returning the authentication result to the local platform system.

66 (New). The method according to claim 58, further comprising the following steps after successful authentication and authorization for the user requesting a service according to the user identification code:

sending service request commands to other platform systems; and

other platform systems returning processing results to the local platform system.